

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 10/583,088
Source: IFWP
Date Processed by STIC: 6/26/06

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/583,088

TIME: 13:38:51

Input Set : A:\PCTIE2004004022\seq list.ST25.txt

Output Set: N:\CRF4\06262006\J583088.raw

5 <110> APPLICANT: BIO-RAD Pasteur
 9 <120> TITLE OF INVENTION: Oligonucleotides for the detection of hepatitis B virus
 12 <130> FILE REFERENCE: BET 04P1080
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/583,088
 C--> 16 <141> CURRENT FILING DATE: 2006-06-15

16 <160> NUMBER OF SEQ ID NOS: 15
 20 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 26 <211> LENGTH: 3215
 28 <212> TYPE: DNA
 30 <213> ORGANISM: Hepatitis B virus
 34 <400> SEQUENCE: 1

see pp 2-4
 Does Not Comply
 Corrected Diskette Needed

35	ctccaccact	ttccaccaa	ctcttcaaga	tcccagagtc	agggccctgt	accttcctgc	60
37	tgggtggctcc	agttcaggaa	cagtgcagcc	tgctcagaat	actgtctctg	ccatatactg	120
39	aatcttatcg	aagactgggg	accctgtgcc	gaacatggag	agcatcgcat	caggactcct	180
41	aggacccctg	ctcgtgttac	aggcgggggt	tttcttggtg	acaaaaatcc	tcacaatacc	240
43	acagagtcta	gactcgtggt	ggacttctct	caattttcta	gggggaacac	ccgtgtgtct	300
45	tggccaaaat	tcgcagtc	aaatctccag	tcactcacca	acctgttgct	ctccaaactg	360
47	tcttggttat	cgctggatgt	gtctgcggcg	ttttatcatc	ttcctctgca	tctgtctgct	420
49	atgcctcatc	ttcttggttg	ttcttctgga	ctatcaaggt	atgttgcccg	tttgctctct	480
51	aattccagga	tcataacca	ccagcacggg	accatgcaag	acttgacag	ctcctgctca	540
53	aggaacctct	atgtttccct	catgttgctg	tacaaaacct	acggacggaa	actgcacctg	600
55	tattcccatc	ccatcatcct	gggctttcgc	aaaataccta	tgggagtggt	cctcagtcg	660
57	tttctcttgg	ctcagtttac	tagtgccatt	tgttcagtg	ttcgtagggc	tttccccac	720
59	tgtctggctt	tcagttatat	ggatgatgtg	gttttggtgg	ccaagtctgt	acaacatctt	780
61	gagtcctttt	ataccgctgt	taccaatttt	cttttgcttt	tgggtataca	tttaaaccct	840
63	cacaaaacaa	aaagatgggg	atattccctt	aacttcatgg	gatatgtaat	tgggagttgg	900
65	ggcacattgc	cacaggaaca	tattgtacaa	aaaatcaaaa	cgtgttttag	gaaacttcct	960
67	gtaaacaggc	ctattgattg	gaaagtatgt	caacgaattg	tgggtctttt	ggggtttgcc	1020
69	gcccctttca	cgcaatgtgg	atatactgct	ttaatgcctt	tatatgcatg	tatacaagca	1080
71	aaacaggctt	ttactttctc	gccaacttac	aaggcctttc	taagtaaaca	gtatctgaac	1140
73	ctttaccccg	ttgctcgcca	acggcctggt	ctgtgccaa	tgtttgctga	cgcaaccccc	1200
75	actggttggt	gcttggtccat	aggccatcag	cgcagtcgtg	gaacctttgt	gtctcctctg	1260
77	ccgatccata	ctgcggaact	cctagccgct	tgttttgctc	gcagcagggtc	tggggcaaaa	1320
79	ctcatcggtg	ctgacaattc	tgctgtgctc	tcccgcaggt	atacatcctt	tccatggctg	1380
81	ctaggctgtg	ctgccaactg	gatcctgcgc	gggacgtcct	ttgtttacgt	cccgtcggtg	1440
83	ctgaatcccg	cggacgaccc	ctcccggggc	cgcttggggc	tctaccgccc	gcttctccgc	1500
85	ctgttggtacc	gaccgaccac	ggggcgccac	tctctttacg	cggactcccc	gtctgtgcct	1560
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91	tgtcaacgac	cgaccttgag	gcatacttca	aagactgtgt	gtttactgag	tgggaggtgt	1740
93	tggggggagg	gggttaggtta	atgatctttg	tactaggagg	ctgtaggcat	aaattggtgc	1800
95	gttcaccagc	accatgcaac	tttttcacct	ctgcctaata	atctcttggt	catgtcctac	1860

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97 tgttcaagcc tccaagctgt gccttgggtg gctttgggac atggacattg acccgataa 1920
99 agaatttggg gcttctgtgg agttactctc ttttttgctt tctgacttct ttctgctgt 1980
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107 ctatgtcaac gttaatatgg gcctaaaatt cagacaacta ttgtgggttc acatttcctg 2220
109 tcttacgttt gggagacaaa ctgttcttga atatttggtg tcttttggtg tgttgattcg 2280
111 cactcctcct gcatatagac caccaaatgc ccctatctta tcaacacttc cggaaactac 2340
113 tgttggttaga caaagaggca ggacccctag aagaagaact ccctcgctc gcagacgaag 2400
115 gtctcaatcg ccgcgtcgca gaagatctca atctcgggaa tctcaatgtt agtattcctt 2460
117 ggacacataa ggtgggaaac tttactgggc tttattcttc tacggtaact tgccttaate 2520
119 ctaattggca aactccttct tttcctgaca ttcatttgca ggaggacatt gttgatagat 2580
121 gtaagcaatt tgtggggccc cttacagtaa atgaaaacag gagactaaaa ttaattatgc 2640
123 ctgctaggtt ttatcccaat gttactaaat atttgcctt agataaaggg atcaaaccgt 2700
125 attatccaga gtatgtagtt aatcattact tccagacgcg acattattta cacactcttt 2760
127 ggaaggcggg gatcttatat aaaagagagt ccacacgtag cgctcattt tgcgggtcac 2820
129 catattcttg ggaacaagat ctacagcatg ggaggttggt cttccaaacc tcgaaaaggc 2880
131 atggggacaa atcttgcgtg ccccaatccc ctgggattct tccccgatca tcagttggac 2940
133 ctgctattca aagccaactc agacaatcca gattgggacc tcaacaggca caaggactac 3000
135 tggccggacg catggaaggt gggagtggga gcattcgggc cagggttcac ccctcccat 3060
137 gggggactgt tggggtggag ccctcaggct cagggcctac tcacaactgt gccagcagct 3120
139 cctcctctg cctccaccaa tcggcagtcg ggaaggcagc ctactccctt atctccacct 3180
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144 <210> SEQ ID NO: 2

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148 <212> TYPE: DNA

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W--> 154 <223> OTHER INFORMATION: *insert <220>*W--> 154 <400> 2 *<223>*

155 gctgaatccc gcggacga

158 <210> SEQ ID NO: 3

160 <211> LENGTH: 21

162 <212> TYPE: DNA

C--> 165 <213> ORGANISM: Artificial *delete* oligonucleotide

W--> 169 <220> FEATURE:

W--> 169 <223> OTHER INFORMATION: *this belongs on*W--> 169 <400> 3 *<223> line*

170 gtgcagaggt gaagcgaagt g

173 <210> SEQ ID NO: 4

175 <211> LENGTH: 19

177 <212> TYPE: DNA

C--> 179 <213> ORGANISM: Artificial *delete* oligonucleotide

W--> 183 <220> FEATURE:

W--> 183 <223> OTHER INFORMATION: *this belongs on*W--> 183 <400> 4 *<223> line*

184 gttcacgggtg gtcgccatg

187 <210> SEQ ID NO: 5

189 <211> LENGTH: 19

RAW SEQUENCE LISTING

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Input Set : A:\PCTIB2004004022 seq list.ST25.txt

Output Set: N:\CRF4\06262006\J583088.raw

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191 <212> TYPE: DNA
C--> 193 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 197 <220> FEATURE:
W--> 197 <223> OTHER INFORMATION:
W--> 197 <400> 5
198 gttcacggtg gtctccatg 19
201 <210> SEQ ID NO: 6
203 <211> LENGTH: 21
205 <212> TYPE: DNA
C--> 207 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 211 <220> FEATURE:
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212 cggtcacggt ggctcgccatg c 21
215 <210> SEQ ID NO: 7
217 <211> LENGTH: 21
219 <212> TYPE: DNA
C--> 221 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 225 <220> FEATURE:
W--> 225 <223> OTHER INFORMATION:
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226 cggtcacggt ggtctccatg c 21
229 <210> SEQ ID NO: 8
231 <211> LENGTH: 22
233 <212> TYPE: DNA
C--> 235 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 239 <220> FEATURE:
W--> 239 <223> OTHER INFORMATION:
W--> 239 <400> 8
240 ggagtcgcg taaagagagg tg 22
243 <210> SEQ ID NO: 9
245 <211> LENGTH: 22
247 <212> TYPE: DNA
C--> 249 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 253 <220> FEATURE:
W--> 253 <223> OTHER INFORMATION:
W--> 253 <400> 9
254 ggagaccgcg taaagagagg tg 22
257 <210> SEQ ID NO: 10
259 <211> LENGTH: 22
261 <212> TYPE: DNA
C--> 263 <213> ORGANISM: Artificial (S) oligonucleotide
W--> 267 <220> FEATURE:
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W--> 267 <400> 10
268 ggagtcgcg taaagagagg tg 22
271 <210> SEQ ID NO: 11
273 <211> LENGTH: 22
275 <212> TYPE: DNA

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RAW SEQUENCE LISTING

DATE: 06/26/2006











PATENT APPLICATION: US/10/583,088

TIME: 13:38:51

Input Set : A:\PCTIB2004004022 seq list.ST25.txt

Output Set: N:\CRF4\06262006\J583088.raw

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C--> 277 <213> ORGANISM: Artificial  oligonucleotide
W--> 281 <220> FEATURE:
W--> 281 <223> OTHER INFORMATION: 
W--> 281 <400> 11
      282 ggagactgcg taaagagagg tg
      285 <210> SEQ ID NO: 12
      287 <211> LENGTH: 32
      289 <212> TYPE: DNA
C--> 291 <213> ORGANISM: Artificial  oligonucleotide
W--> 295 <220> FEATURE:
W--> 295 <223> OTHER INFORMATION: 
W--> 295 <400> 12
      296 cggcaggagt ccgcgtaaag agaggtgtgc cg
      299 <210> SEQ ID NO: 13
      301 <211> LENGTH: 32
      303 <212> TYPE: DNA
C--> 305 <213> ORGANISM: Artificial  oligonucleotide
W--> 309 <220> FEATURE:
W--> 309 <223> OTHER INFORMATION: 
W--> 309 <400> 13
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      313 <210> SEQ ID NO: 14
      315 <211> LENGTH: 32
      317 <212> TYPE: DNA
C--> 319 <213> ORGANISM: Artificial  oligonucleotide
W--> 323 <220> FEATURE:
W--> 323 <223> OTHER INFORMATION: 
W--> 323 <400> 14
      324 cggcaggagt ctgcgtaaag agaggtgtgc cg
      327 <210> SEQ ID NO: 15
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      331 <212> TYPE: DNA
C--> 333 <213> ORGANISM: Artificial  oligonucleotide
W--> 337 <220> FEATURE:
W--> 337 <223> OTHER INFORMATION: 
W--> 337 <400> 15
      338 cggcaggaga ctgcgtaaag agaggtgtgc cg

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/26/2006
PATENT APPLICATION: US/10/583,088 TIME: 13:38:52

Input Set : A:\PCTIB2004004022 seq list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

Use of <220> Feature(NEW RULES):

Sequence(s) __ are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

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Input Set : A:\PCTIB2004004022 seq list.ST25.txt

Output Set: N:\CRF4\06262006\J583088.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:150 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial Sequence
L:154 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial Sequence
L:154 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:154
L:165 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:169 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
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L:169 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
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L:169 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:169
L:179 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:183 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
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L:183 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:183
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L:197 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
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L:197 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:197
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L:211 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
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L:211 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:211
L:221 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:225 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
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L:225 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
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L:235 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
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L:249 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>
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L:253 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>
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L:267 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
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L:267 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:267
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L:295 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:295
L:305 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:309 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial Sequence

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L:309 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial Sequence
L:309 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:309
L:319 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:323 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
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L:323 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213>
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L:323 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:323
L:333 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:337 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>
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L:337 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>
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L:337 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:337